Name Class

Teacher Date



*6.RP.1*: Understand the concept of ratio

and use ratio language to describe a

ratio relationship between two quantities.

*6.RP.3d*: Use ratio reasoning to

convert measurement units.

Mary is having her friends over for a picnic to celebrate her 12th birthday. She would like to serve her friends lemonade. To make one cup of lemonade, Mary must use 2 tablespoons of lemonade mix and 8 fluid ounces of water. Use the information in the box to help you.

8 fl. oz = 1 cup 2 cups = 1 pint

2 pints = 1 quart 4 quarts = 1 gallon

1. How many cups are in a quart? (*Set up a proportion.)*

**Show your work.**

**Answer:**

2. How many cups are in a gallon? *(Set up a proportion.)*

**Show your work.**

**Answer:**

3. Express the ratio of tablespoons of lemonade mix to ounces of water in word form.

*(For every…there are…)*

4. Part A

Mary would like to make 1 *quart* of iced tea. How much lemonade mix will she need?

*(Use information from question 1 to help Set up the proportion.)*

**Show your work.**

**Answer:**

Part B

Explain what your answer from Part A means.

*(She will need…..to……)*